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L14: Entry 1 of 2

File: USPT

Nov 26, 1996

DOCUMENT-IDENTIFIER: US 5578243 A

TITLE: Liquid crystalline polymer film, process for producing same, and utilization thereof

BSPR:

A 10 wt % solution of this polyester in tetrachloroethane was prepared. The solution was then applied onto a soda glass plate by screen printing, then dried, heat-treated at 220.degree. C. for 30 minutes and thereafter cooled to afford a uniformly oriented liquid crystal film having a thickness of 50 .mu.m. Upon conoscope observation the liquid crystalline polymer proved to have a positive uniaxial structure and was found to have a homeotropic orientation property.

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11 and uniaxial\$

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